

FIG. 1A (Prior Art)

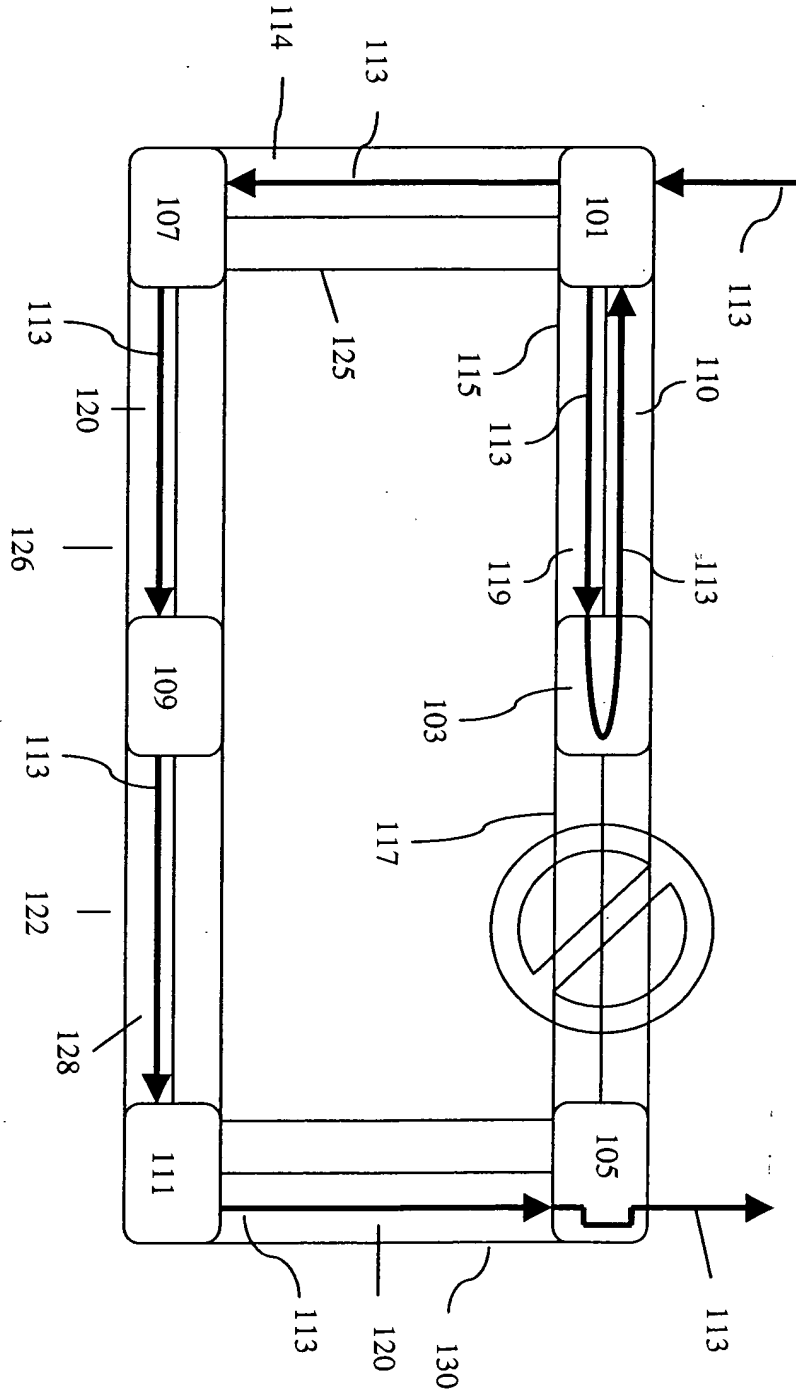
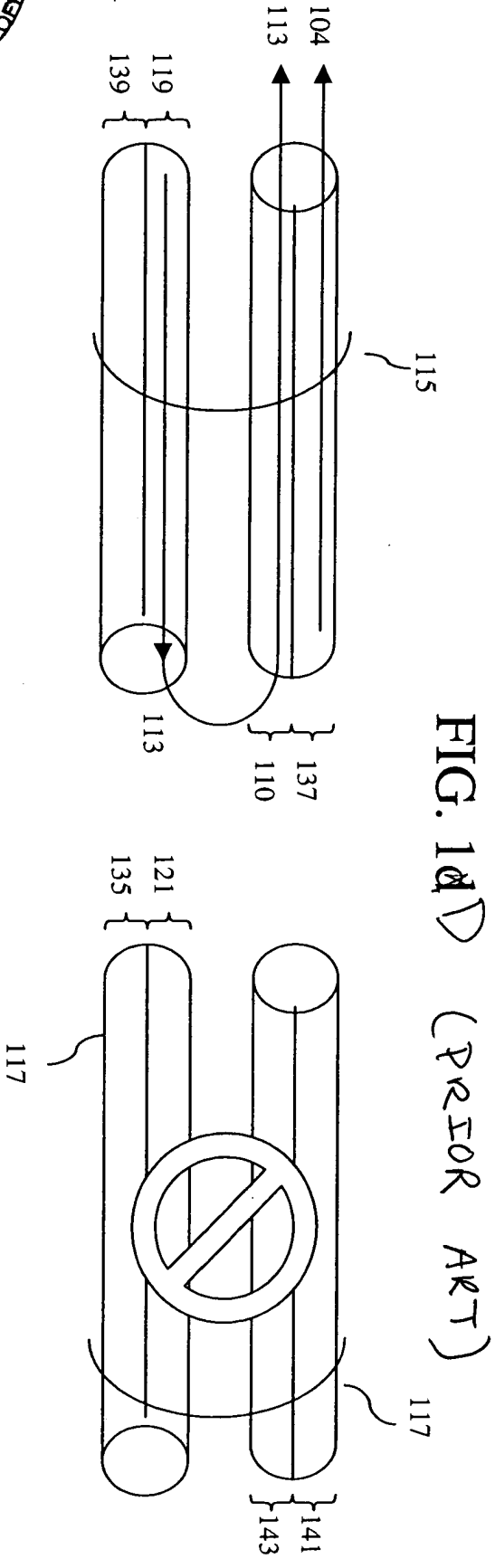
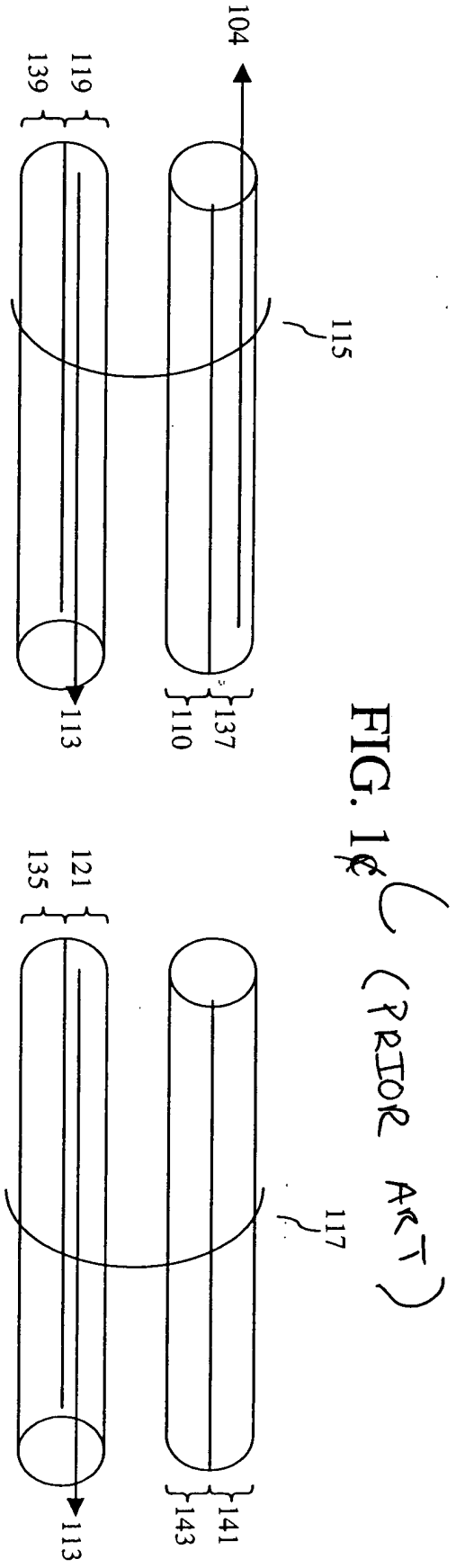


FIG. 103 (PRIOR ART)



UNITED STATES PATENT AND TRADEMARK OFFICE  
OCT 09 2002

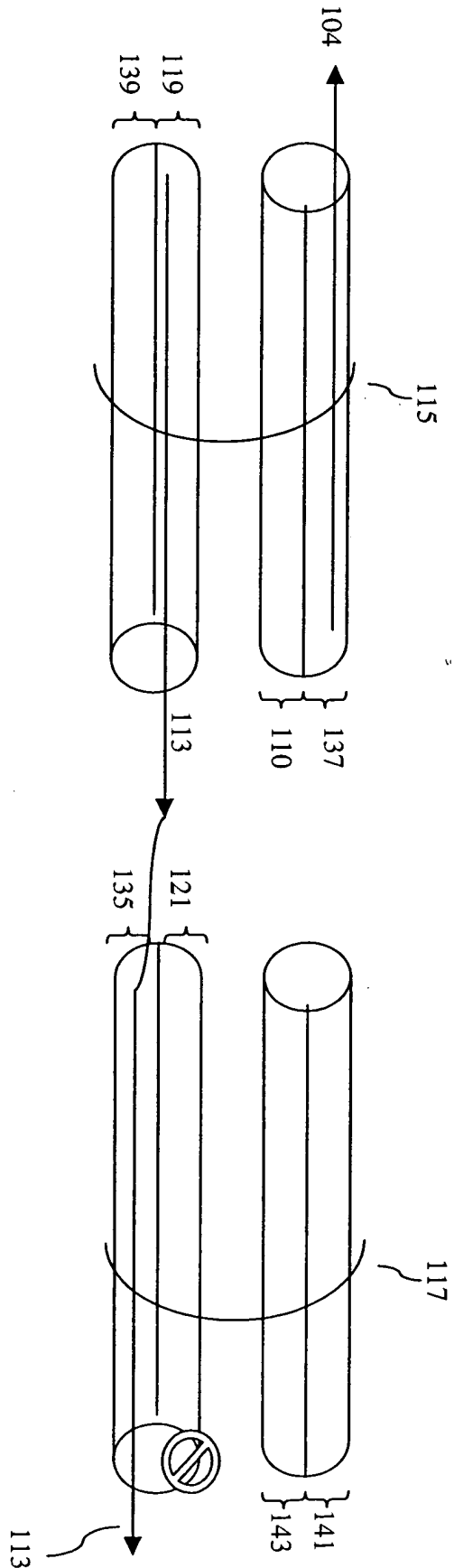


FIG. 1e (Prior Art)

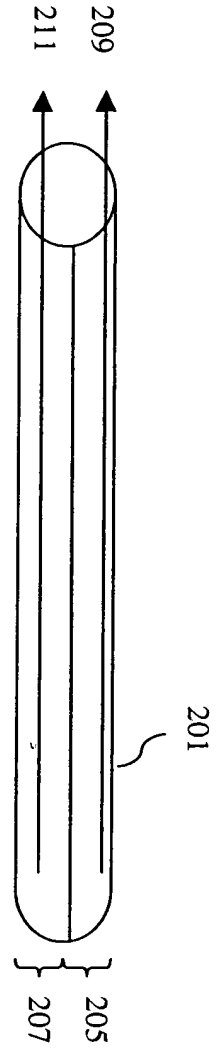


FIG. 2A<sup>A</sup> (PRIOR ART)

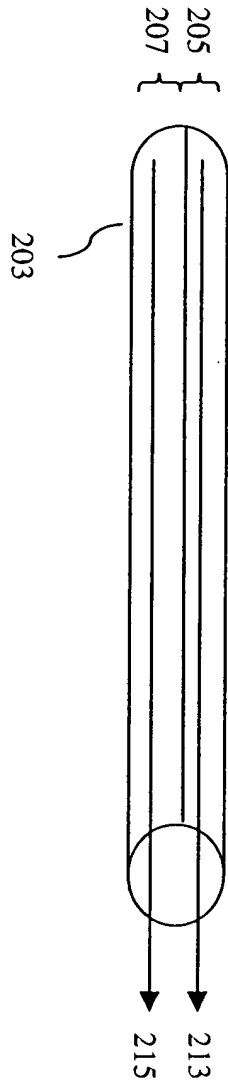
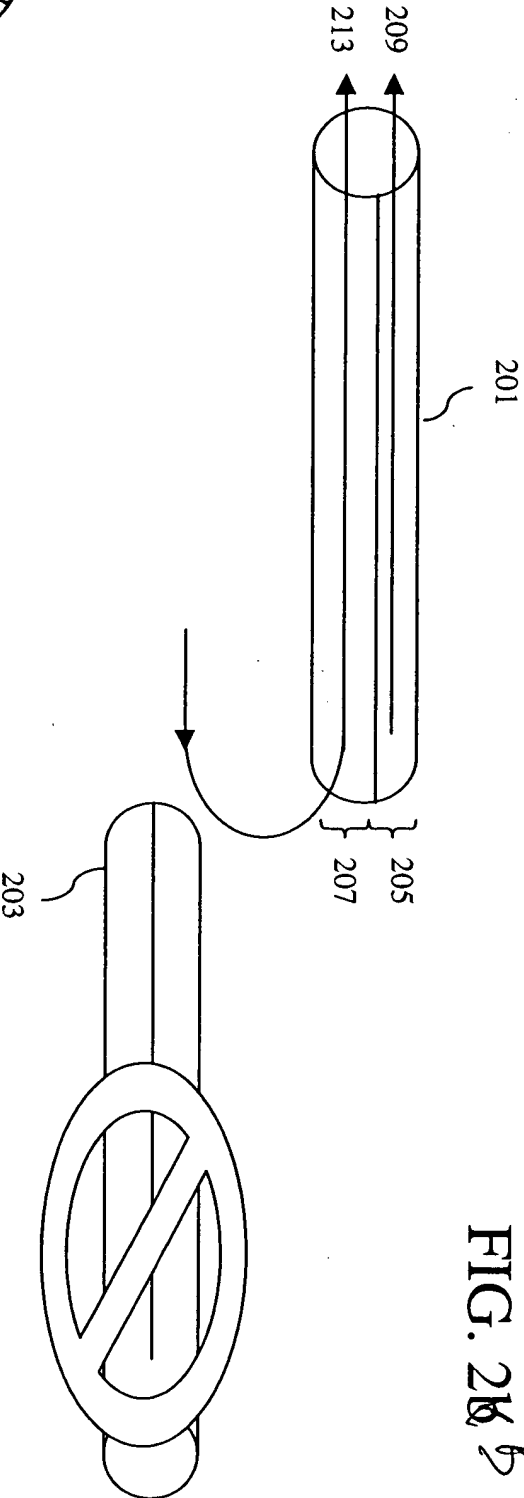


FIG. 2B<sup>B</sup> (PRIOR ART)





004906.P016

# A METHOD AND APPARATUS FOR VARIABLE RATE PIPE

Siegfried Luft, et al.

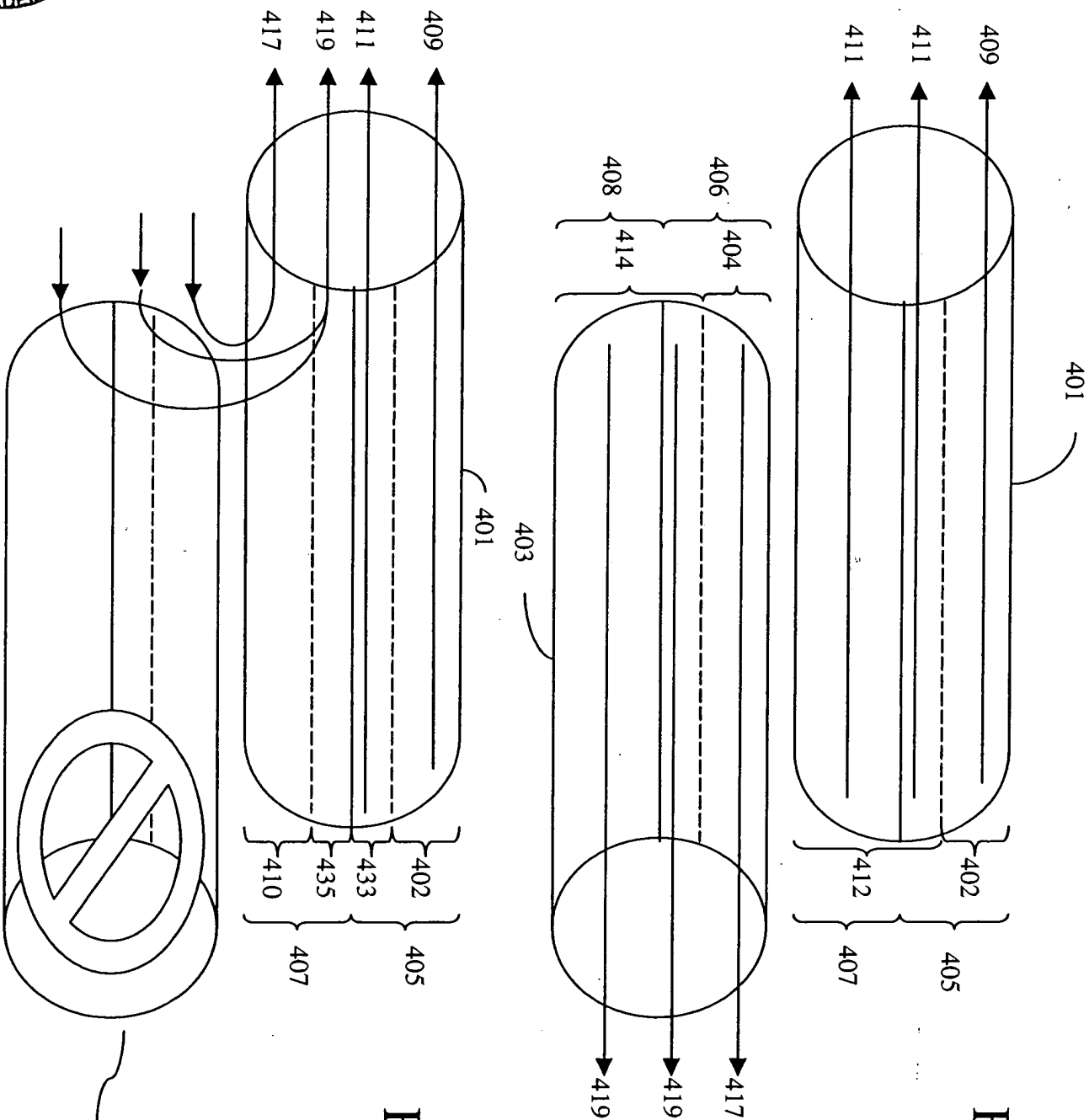


FIG. 4A

FIG. 4B

FIG. 4C

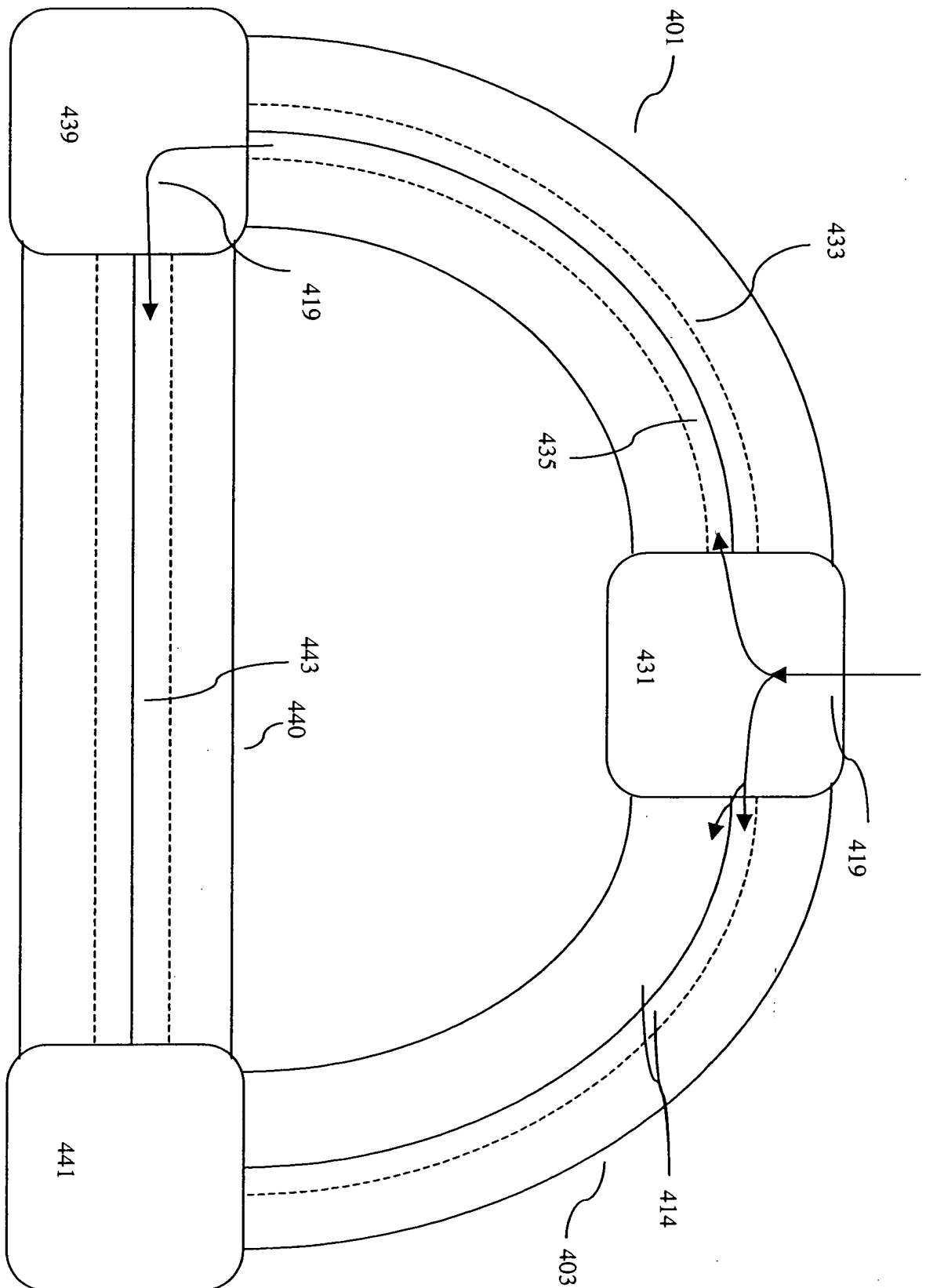


FIG. 400